

Storm Data and Unusual Weather Phenomena - December 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Central and North Central				
(AR-Z025) JACKSON, (AR-Z033) WHITE, (AR-Z034) WOODRUFF, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z046) PRAIRIE, (AR-Z047) MONROE, (AR-Z052) PIKE, (AR-Z053) CLARK, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z065) DESHA, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN, (AR-Z068) BRADLEY, (AR-Z069) DREW				
	12/01/10 00:00 CST		0	Drought
	12/31/10 23:59 CST		0	
Severe drought encompassed the southeastern half of Arkansas throughout the month of December. Extreme drought developed over part of southern Arkansas during the last week of the month.				
WOODRUFF COUNTY --- 0.5 WNW PATTERSON [35.25, -91.24], 0.1 NNW CAVELL [35.25, -91.25], 0.8 SW RIVERSIDE [35.27, -91.24], 0.6 SSW RIVERSIDE [35.27, -91.24]				
	12/05/10 01:00 CST		0	Flood (due to Heavy Rain)
	12/09/10 01:00 CST		0	Source: River/Stream Gage
The White River at Patterson rose above flood stage during the early morning hours on the 5th, then dropped below flood stage during the early morning hours of the 9th.				
(AR-Z039) PERRY, (AR-Z041) MONTGOMERY				
	12/07/10 06:00 CST		0	Drought
	12/31/10 23:59 CST		0	
Severe drought spread to Perry and Montgomery counties early in December.				
(AR-Z003) BOONE, (AR-Z004) MARION, (AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z007) SHARP, (AR-Z012) NEWTON, (AR-Z013) SEARCY, (AR-Z014) STONE, (AR-Z015) IZARD, (AR-Z016) INDEPENDENCE, (AR-Z021) JOHNSON, (AR-Z022) POPE, (AR-Z023) VAN BUREN, (AR-Z024) CLEBURNE, (AR-Z025) JACKSON, (AR-Z030) LOGAN, (AR-Z031) CONWAY, (AR-Z032) FAULKNER, (AR-Z033) WHITE, (AR-Z034) WOODRUFF, (AR-Z037) SCOTT, (AR-Z038) YELL, (AR-Z039) PERRY, (AR-Z040) POLK, (AR-Z041) MONTGOMERY, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z046) PRAIRIE, (AR-Z047) MONROE, (AR-Z052) PIKE, (AR-Z053) CLARK, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z064) LINCOLN, (AR-Z065) DESHA, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN, (AR-Z068) BRADLEY, (AR-Z069) DREW				
	12/11/10 10:30 CST		1.45M	Strong Wind (MAX 44 kt)
	12/12/10 20:30 CST		0	
A strong cold front moved across Arkansas on the 11th. Strong winds followed the front, bringing down some power lines and blowing over Christmas yard decorations. The winds ushered much colder air into Arkansas.				
(AR-Z015) IZARD, (AR-Z053) CLARK				
	12/13/10 12:00 CST		0	Wildfire
	12/15/10 16:15 CST		0	
A lack of rainfall, combined with periodic low humidities and breezy conditions, created conditions favorable for wildfires in the middle of December.				
(AR-Z031) CONWAY, (AR-Z037) SCOTT, (AR-Z038) YELL, (AR-Z040) POLK				
	12/21/10 06:00 CST		0	Drought
	12/31/10 23:59 CST		0	
Severe drought spread to Conway, Yell, Scott, and Polk counties during the latter half of December.				
(AR-Z007) SHARP, (AR-Z016) INDEPENDENCE, (AR-Z024) CLEBURNE, (AR-Z032) FAULKNER				
	12/28/10 06:00 CST		0	Drought
	12/31/10 23:59 CST		0	
Severe drought spread to Sharp, Independence, Cleburne, and Faulkner counties the last week in December.				
JOHNSON COUNTY --- 1.0 N OARK [35.69, -93.58]				

Storm Data and Unusual Weather Phenomena - December 2010

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
	12/31/10 09:08 CST		0	Hail (1.00 in)
	12/31/10 09:08 CST		0	Source: Public
<hr/>				
BOONE COUNTY --- 1.4 S LOWRY [36.45, -93.05]	12/31/10 09:37 CST		10K	Thunderstorm Wind (EG 50 kt)
	12/31/10 09:37 CST		0	Source: Law Enforcement
Several power lines were blown down.				
<hr/>				
NEWTON COUNTY --- LURTON [35.77, -93.08]	12/31/10 09:53 CST		0	Hail (1.25 in)
	12/31/10 09:53 CST		0	Source: Law Enforcement
<hr/>				
SEARCY COUNTY --- 0.6 N MARSHALL [35.91, -92.63]	12/31/10 10:32 CST		5K	Thunderstorm Wind (EG 50 kt)
	12/31/10 10:32 CST		0	Source: Public
Several trees were blown down in the city of Marshall.				
<hr/>				
BAXTER COUNTY --- 3.0 NNE MOUNTAIN HOME [36.37, -92.36]	12/31/10 10:48 CST		0	Thunderstorm Wind (MG 53 kt)
	12/31/10 10:48 CST		0	Source: Trained Spotter
<hr/>				
IZARD COUNTY --- 0.7 N CALICO ROCK [36.13, -92.13]	12/31/10 11:14 CST		0	Hail (0.75 in)
	12/31/10 11:14 CST		0	Source: Law Enforcement
<hr/>				
IZARD COUNTY --- WISEMAN [36.23, -91.82]	12/31/10 11:27 CST		40K	Thunderstorm Wind (EG 50 kt)
	12/31/10 11:27 CST		0	Source: Law Enforcement
Several windows were blown out in Wiseman. A tractor was blown over and moved, and part of a roof was torn off.				
<hr/>				
FULTON COUNTY --- 3.1 WSW MAMMOTH SPG [36.46, -91.53]	12/31/10 12:00 CST		50K	Thunderstorm Wind (EG 50 kt)
	12/31/10 12:00 CST		0	Source: Emergency Manager
Damage occurred in the vicinity of the Jim Hinkle Fish Hatchery on the Spring River. A roof was blown off a storage building, there was roof damage to a house, an 80-foot section of a fence was damaged, a feed bin was overturned, and some trees were blown down.				
<hr/>				
FULTON COUNTY --- 1.5 NNE KITTLE [36.29, -91.62]	12/31/10 12:05 CST		5K	Thunderstorm Wind (EG 50 kt)
	12/31/10 12:05 CST		0	Source: Public
Several trees were blown down between Kittle and Lake Omaha.				
<hr/>				
MONROE COUNTY --- 1.5 NNW CLARENDON [34.70, -91.31]	12/31/10 16:55 CST		0	Hail (1.00 in)
	12/31/10 16:55 CST		0	Source: COOP Observer
<hr/>				
LINCOLN COUNTY --- GRADY [34.08, -91.70]	12/31/10 17:19 CST		0	Hail (1.75 in)
	12/31/10 17:19 CST		0	Source: Public

Unseasonably warm, moist air spread up into Arkansas at the end of December. A cold front plowed into the unstable air, setting off thunderstorms on the 31st. A few of the storms produced large hail and damaging winds.